

ABSTRACT OF THE INVENTION

5 This invention is directed to a modified cyclosporin A and to a modified, genetically engineered version of its receptor, cyclophilin. This invention is further directed to a method for treating host versus graft disease following blood marrow transplantation by transfecting stem cells so that after introduction into a patient the stem cells will express the modified cyclophilin, and, as necessary, administer the modified cyclosporin A to the patient.